Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM121123\
Data File : BM043225.D
Acq On : 11 Dec 2023 14:36
Operator : MA/JU
Sample : SSTD0.881
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTD0.8032

Quant Time: Dec 11 15:11:35 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-SIM-BM121123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 11 14:52:13 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.009	152	10057	0.400	ng/ul	0.00
4) Naphthalene-d8	10.818	136	29564	0.400	ng/ul	0.00
9) Acenaphthene-d10	14.629	164	16799	0.400	ng/ul	0.00
13) Phenanthrene-d10	17.371	188	34819	0.400	ng/ul	0.00
17) Chrysene-d12	21.533	240	21418	0.400	ng/ul	0.00
23) Perylene-d12	23.950	264	19367	0.400	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.406	96	10424	0.699	ng/ul	0.00
6) 2-Methylnaphthalene-d10	12.396	152	34521	0.873	ng/ul	0.00
18) Fluoranthene-d10	19.389	212	61596	0.803	ng/ul	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.440	88	10472	0.661	ng/ul	92
5) Naphthalene	10.867	128	72728	0.884	ng/ul	99
7) 2-Methylnaphthalene	12.467	142	47367	0.970	ng/ul	100
8) 1-Methylnaphthalene	12.687	142	47331	0.884	ng/ul	100
10) Acenaphthylene	14.351	152	76050	0.875	ng/ul	99
11) Acenaphthene	14.694	153	54887	0.843	ng/ul	99
12) Fluorene	15.675	166	62747	0.925	ng/ul	99
14) Pentachlorophenol	17.012	266	6359	0.699	ng/ul	97
15) Phenanthrene	17.409	178	96222	0.942	ng/ul	100
16) Anthracene	17.502	178	88265	0.924	ng/ul	99
19) Fluoranthene	19.417	202	98562	0.823	ng/ul	99
20) Pyrene	19.775	202	96421	0.767	ng/ul	99
21) Benzo(a)anthracene	21.518	228	77334	1.052	ng/ul	100
22) Chrysene	21.571	228	80573	0.655	ng/ul	100
24) Benzo(b)fluoranthene	23.214	252	72865	1.057	ng/ul	97
25) Benzo(k)fluoranthene	23.263	252	74894	0.839	ng/ul	98
26) Benzo(a)pyrene	23.842	252	60350	0.846	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	26.471	276	68407	0.736	ng/ul#	100
28) Dibenzo(a,h)anthracene	26.502	278	55056	0.759	ng/ul	98
29) Benzo(g,h,i)perylene	27.243	276	57424	0.648	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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